

## ABSTRACT OF THE INVENTION

The invention provides an improved method of transparentizing a paper substrate to produce a translucent area or “window” through which information and data are displayed. The method of the invention applies a transparentizing material to a preselected application site of the paper substrate, and exposes the transparentizing material to heat for a predetermined period of time to help facilitate penetration of the transparentizing material into the paper substrate and prevent migration of the transparentizing material from the application site. The rate of penetration of the transparentizing material into the paper substrate reduces the time and increases the efficiency of the transparentizing process. The invention also provides a paper substrate and a one-piece paper assembly in which a translucent area or “window” is formed according to the method of the invention.

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